

www.mbf-law.com

Michael Best & Friedrich LLC Chicago Office

401 N. Michigan Avenue, Suite 1900 Chicago, IL 60611 Telephone (312) 222-0800 FAX (312) 666-0029

FACSIMILE TRANSMISSION

DATE:

November 11, 2002

To:

Name	Fax No.	PHONE NO.
PCT Legal Office U.S. Patent and Trademark Office	(703) 308-6459	•

FROM:

Robert A. Yesukevich, Esq.

PHONE:

(312) 836-6191

SENT BY:

NOTES/COMMENTS:

Robert Holland

EXTENSION: 2252

LOCATION: Chicago

RE:

U.S. Patent Application Serial No. 10/070,282

Request for Prosecution Status Update

RECEIVED

11 NOV 2002

Legal Staff International Division

NUMBER OF PAGES, INCLUDING COVER:				
CLIENT MATTER NUMBER:	202325-900			

•		
	•	

THE INFORMATION CONTAINED IN THIS PACSIMILE IS INTENDED ONLY FOR THE PERSONAL AND CONFIDENTIAL USE OF THE DESIGNATED RECIPIENTS NAMED ABOVE. THIS MESSAGE MAY BE AN ATTORNEY-CLIENT COMMUNICATION, OR MAY BE PROPRIETARY CONFIDENTIAL INFORMATION OF A CLIENT, AND AS SUCH IS PRIVILEGED AND CONFIDENTIAL. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT OR ANY AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT YOU HAVE RECEIVED THIS DOCUMENT IN ERROR, AND THAT ANY REVIEW, DISSEMINATION, DISTRIBUTION OR COPYING OF THIS MESSAGE IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US BY MAIL. THANK YOU.



moo.wsl-ldm.www

401 N. Michigan Avenue Sulte 1900 Chicago, Illinois 60611 Telephone (312) 222-0800 FAX (312) 681-0029

Author: Robert Yesukevich Writer's Direct Line: (312) 836-6191 Email: ryesukevich@mbf-law.com Offices In:
Milwaukee, Wisconsin
Madison, Wisconsin
Manitowoc, Wisconsin
Waukesha, Wisconsin
Lehigh Valley, Pennsylvania

November 11, 2002

<u>VIA FACSIMILE</u> (703) 308-6459

PCT Legal Office United States Patent and Trademark Office Washington, D.C. 20231

Re:

U.S. Patent Application Serial No. 10/070,282

Request for Prosecution Status Update

Our File No. 202325-9001

Dear Sir:

Please communicate by fax the present prosecution status of U.S. Patent Application Serial No. 10/070,282; which was filed in the U.S. Patent and Trademark Office on March 4, 2002.

As you can see from the attachment, which is the first page of International Publication No. W0 01/18147 A1, a related international patent application was published on March 15, 2001, designating the United States.

Very truly yours,

MICHAEL BEST & FRIEDRICH LLC

Robert Yesukevich

Fax No. (3/2) 661-0029

RAY/rh

Attachment

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 15 March 2001 (15.03.2001)

PCT

(10) International Publication Number WO 01/18147 A1

- (51) International Patent Classification?: E21B 43/25, 43/26
- C09K 7/02,
- (74) Agent: MA, Shirley, S.: Crompton Corporation, 199 Ben-
- (21) International Application Number: PCT/US00/24142
- (22) International Filing Date: 1 September 2000 (01.09.2000)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/152,662

7 September 1999 (07.09.1999)

- (71) Applicant (for all designated States except US): CROMP-TON CORPORATION [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).
- (72) Inventors; and
 - (75) Inventors/Applicants (for US only): SUBRAMANIAN, Shankar (IN/US); 5725 Killiney Lane, Dublin, OH 43016 (US). ISLAM, Mojabedul [GB/US]; 65 Chenango Drive, Powell, OH 43065 (US). BURGAZLI, Cent, R. [US/US]: Country Road 24, Cardungton, OH 43315 (US).

- son Road, Middlebury, CT 06749 (US).
- (81) Designated States (national): AE, AL, AM, AT, AU, AZ, BA. BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES. FI, GB, GD, GE, GH, GM. HR, HU, ID. IL. IN. IS, JP, KE, KG, KP, KR. KZ, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW. MX, NO, NZ, PL, PT, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, S2, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TI, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: QUATERNARY AMMONIUM SALTS AS THICKENING AGENTS FOR AQUEOUS SYSTEMS

(57) Abstract: This invention relates to the use of alkyl amido quaternary ammonium salts, and formulations thereof, as thickening agents in aqueous based fluids, especially those used in oil field applications. The quaternary ammonium salts of the present invention exhibit improved gelling characteristics.